

# EUROPEAN PATENT OFFICE

## Patent Abstracts 1 Japan

PUBLICATION NUMBER : 55080479  
PUBLICATION DATE : 17-06-80

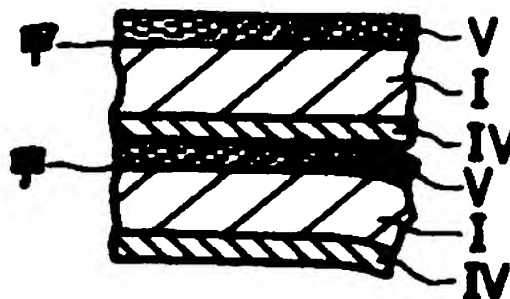
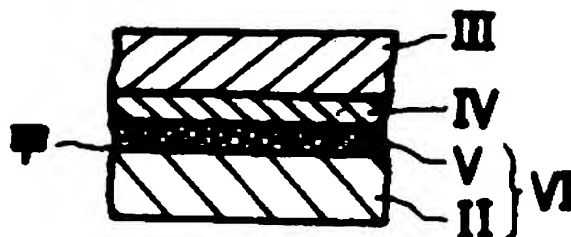
APPLICATION DATE : 12-12-78  
APPLICATION NUMBER : 53152628

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INVENTOR : AKIMOTO SABURO;

INT.CL : C09J 7/02

TITLE : MANUFACTURING OF  
PRESSURE-SENSITIVE TYPE  
ADHESIVE TAPE OR SHEET



**ABSTRACT :** PURPOSE: To manufacture a pressure sensitive adhesive tape or sheet which is excellent in adhesiveness to and releasability from base material by forming a pressure-sensitive adhesive layer composed primarily of a polyacrylate on the surface in contact with a releasable layer composed of a specific polyolefine elastomer and polyethylene.

**CONSTITUTION:** On the surface of the adhesive tape base (I) or the release sheet base (II), a mixture of a polyolefine elastomer, having a shear modulus (by JIS- 7213) of  $2.0 \times 10^8$  dyne/cm<sup>2</sup> or less and an equilibrium contact angle of 55° or more under measuring conditions of a temperature of  $20 \pm 1^\circ\text{C}$  and a relative humidity of  $65 \pm 5\%$  for a standard liquid whose surface characteristic is a surface tension of 50dyne/cm (by JISK-6768) and a polyethylene, having an average molecular weight of 10,000 or more and a density of 0.91~0.97g/cm<sup>2</sup>, is coated in a thickness of 1 micron or more to form the release layer (V), and then the pressure sensitive adhesive layer (IV) composed primarily of a polyacrylate is formed on the surface of the layer (V).

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